

FIG.1

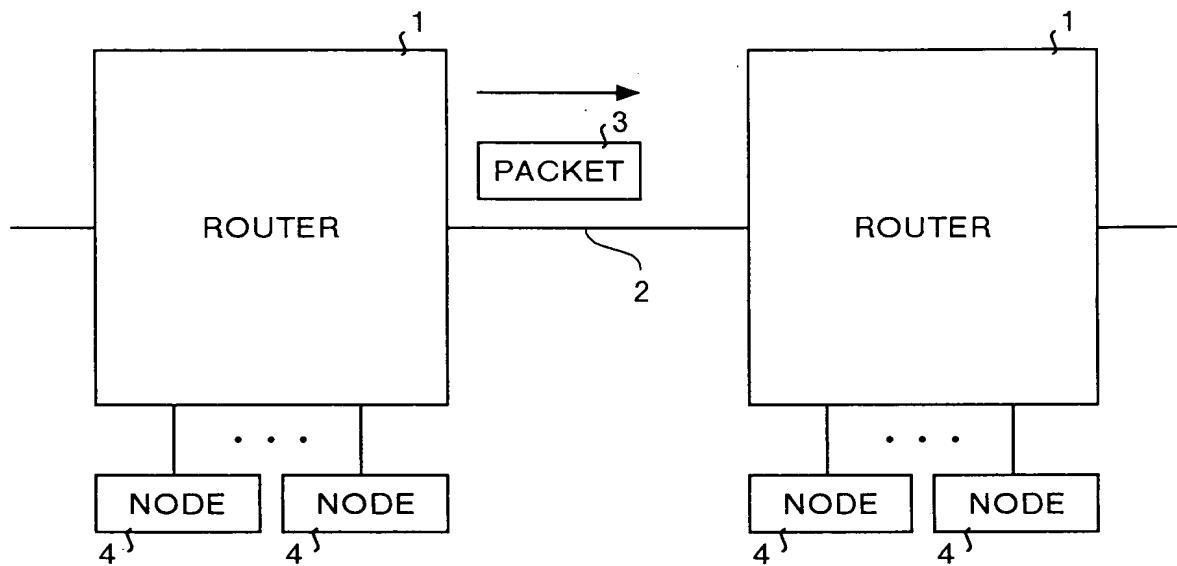


FIG.2

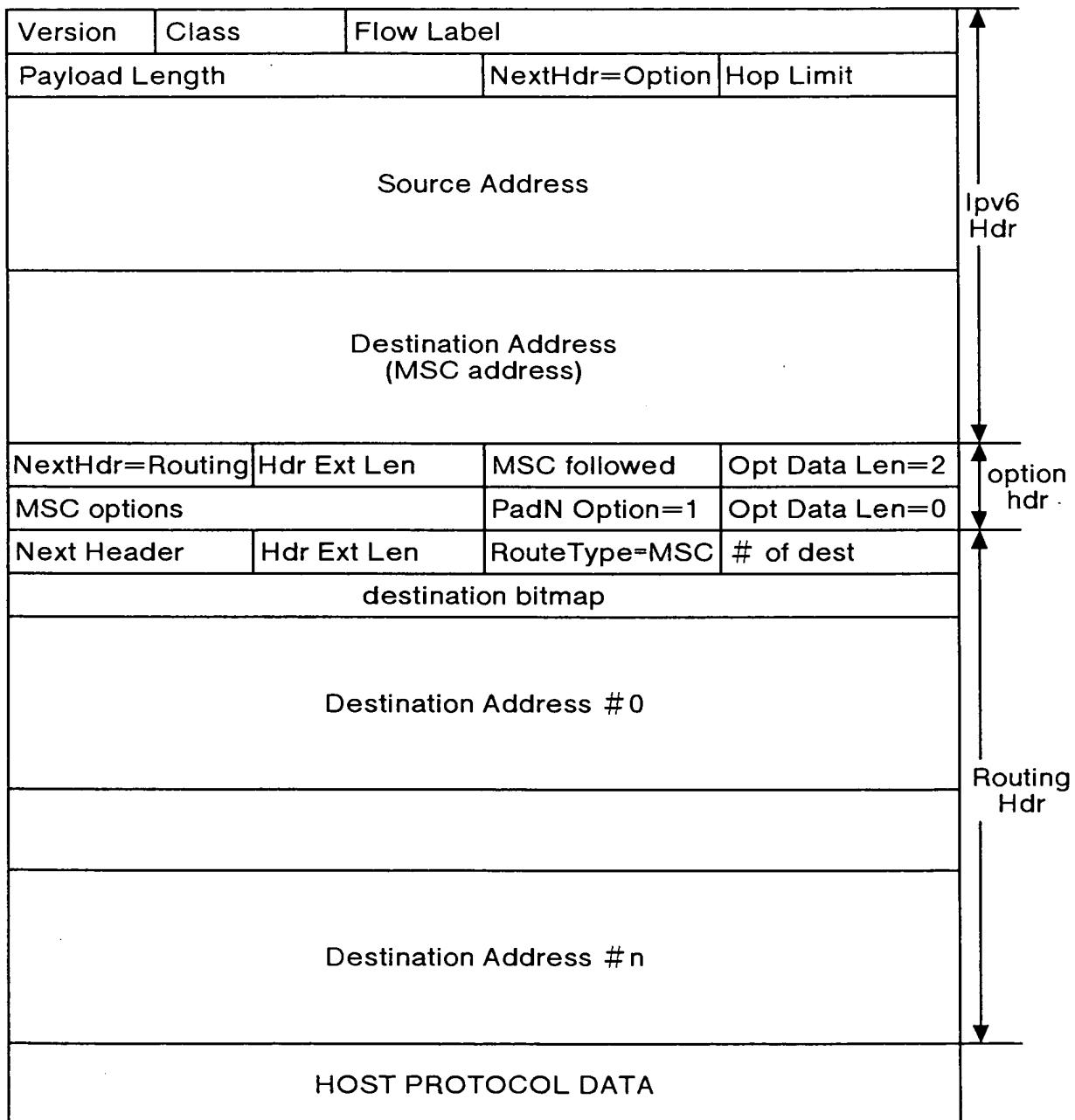


FIG.3

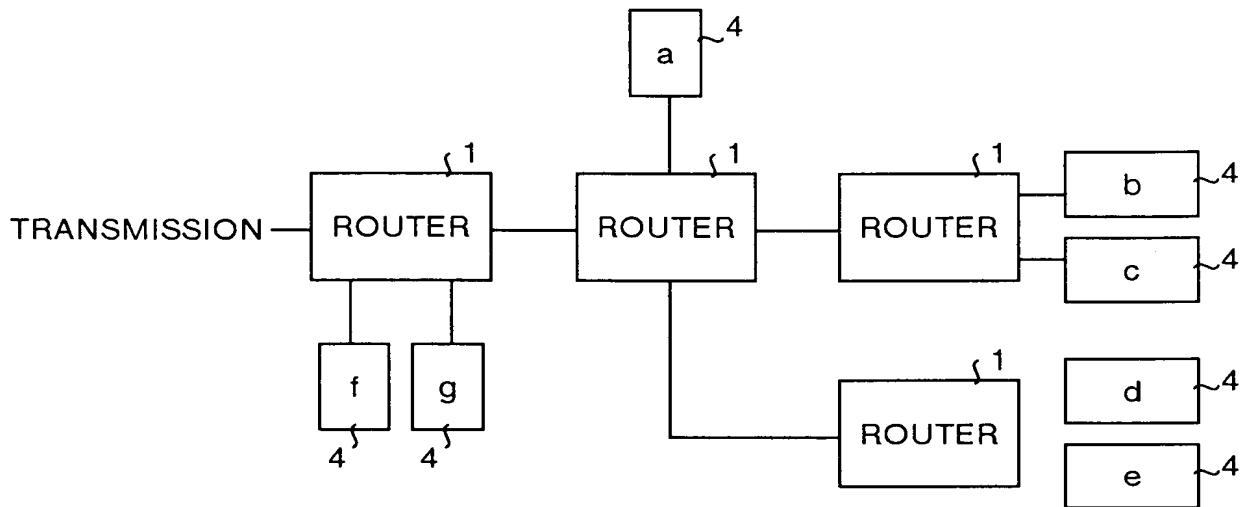


FIG.4

[a, b, c, d, e, f, g]
 ======
 [1, 1, 1, 1, 1, 0, 0]
 [0, 0, 0, 1, 1, 0, 0]
 [0, 0, 0, 0, 1, 0, 0]

FIG.5

TWO DESTINATIONS/ ONE DESTINATION	NONE	ONE GROUP	TWO GROUPS OR MORE
NONE	(A)	(B)	(C)
ONE GROUP OR MORE	(C)	(C)	(C)

FIG.6

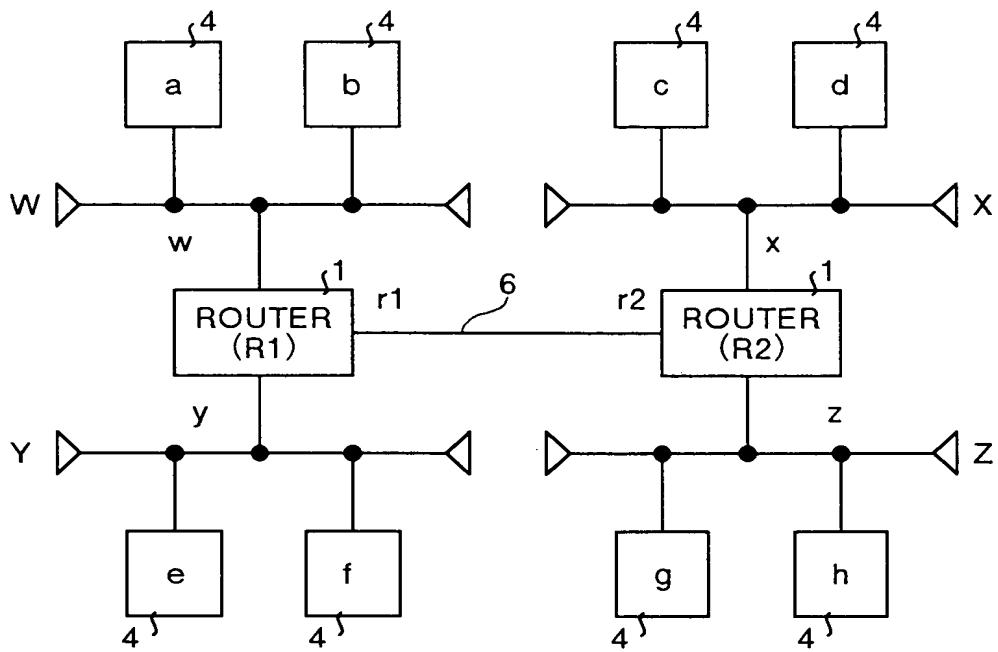


FIG.7

net work	gateway	interface
loopback	—	loopback
W	—	ethernet
default	w	ethernet

FIG.8

[R1] net work	gateway	interface
loopback	—	loopback
W	—	ethernet (W)
X	r2	r1
Y	—	ethernet (Y)
Z	r2	r1
[R2] net work	gateway	interface
loopback	—	loopback
W	r1	r2
X	—	ethernet (X)
Y	r1	r2
Z	—	ethernet (Z)

FIG.9

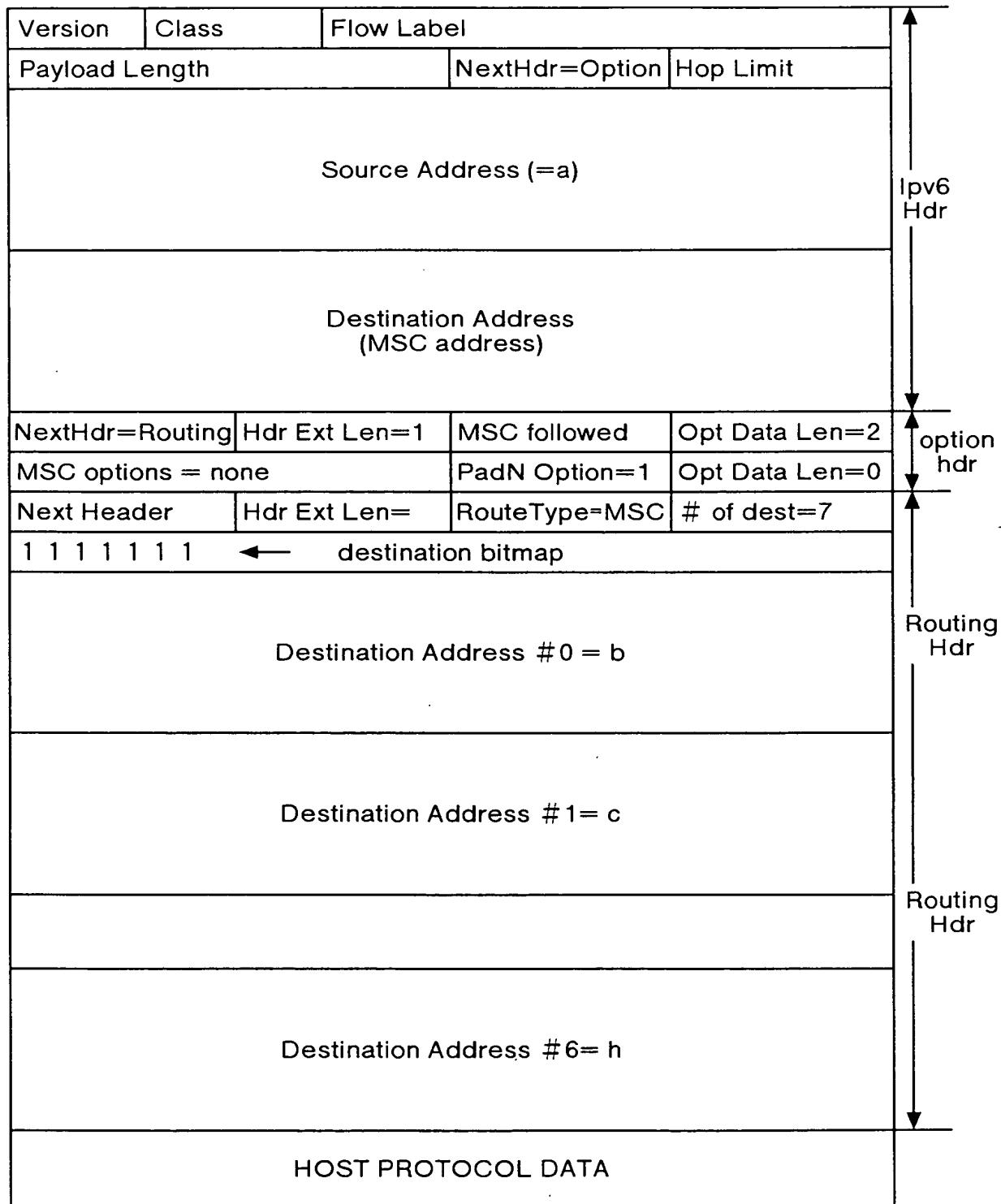


FIG.10

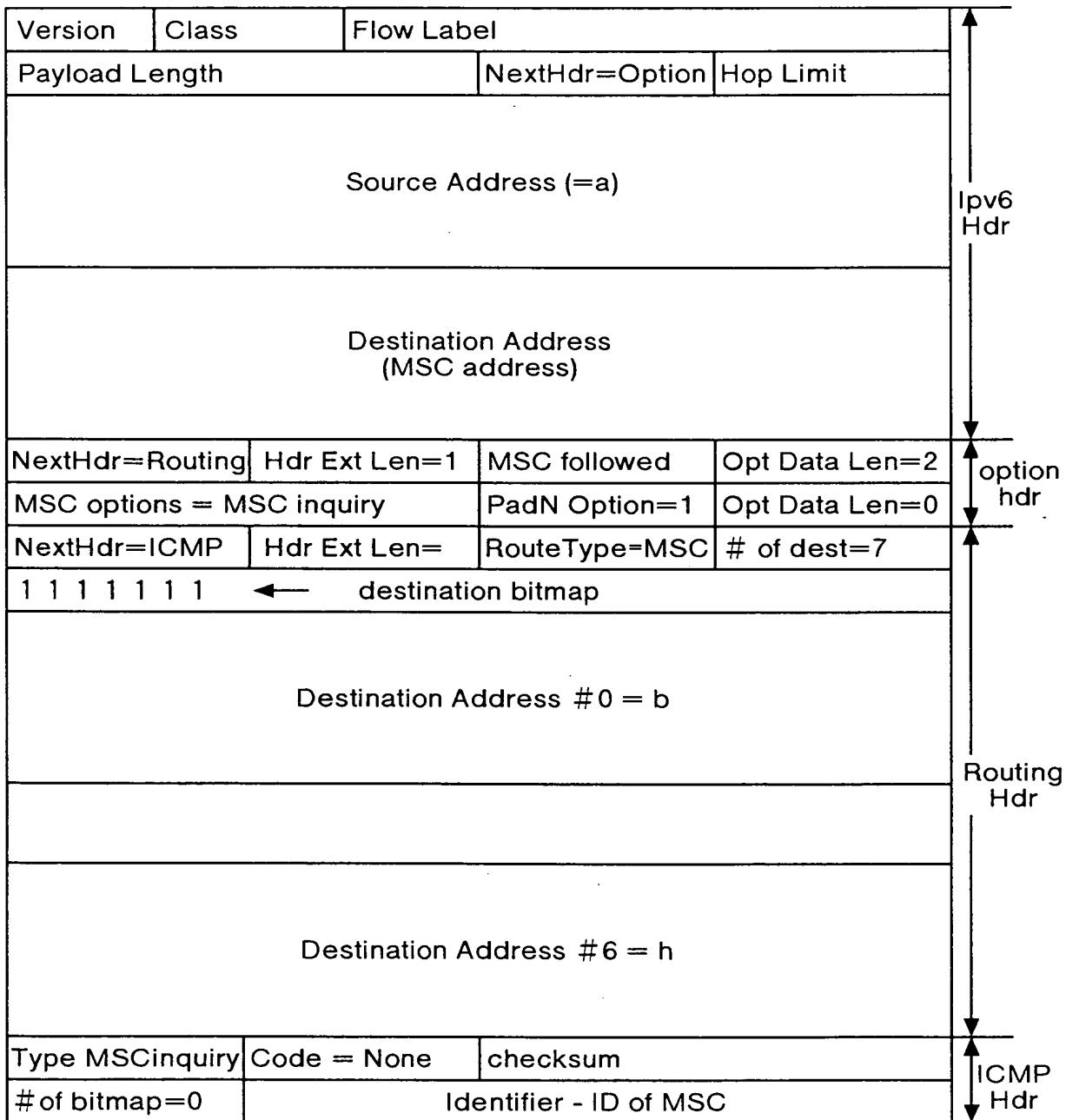


FIG.11

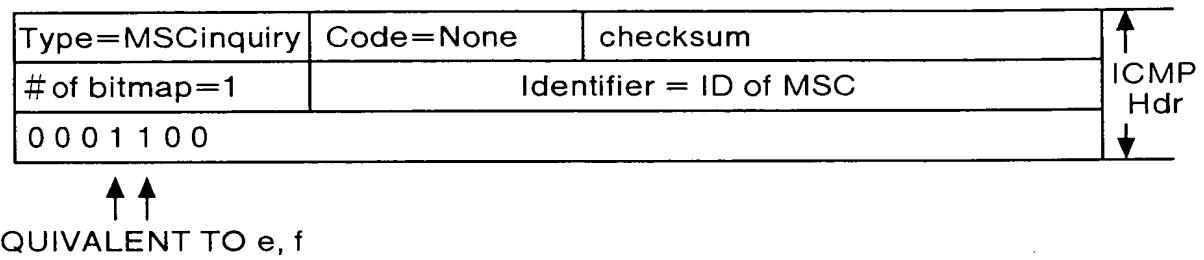


FIG.12

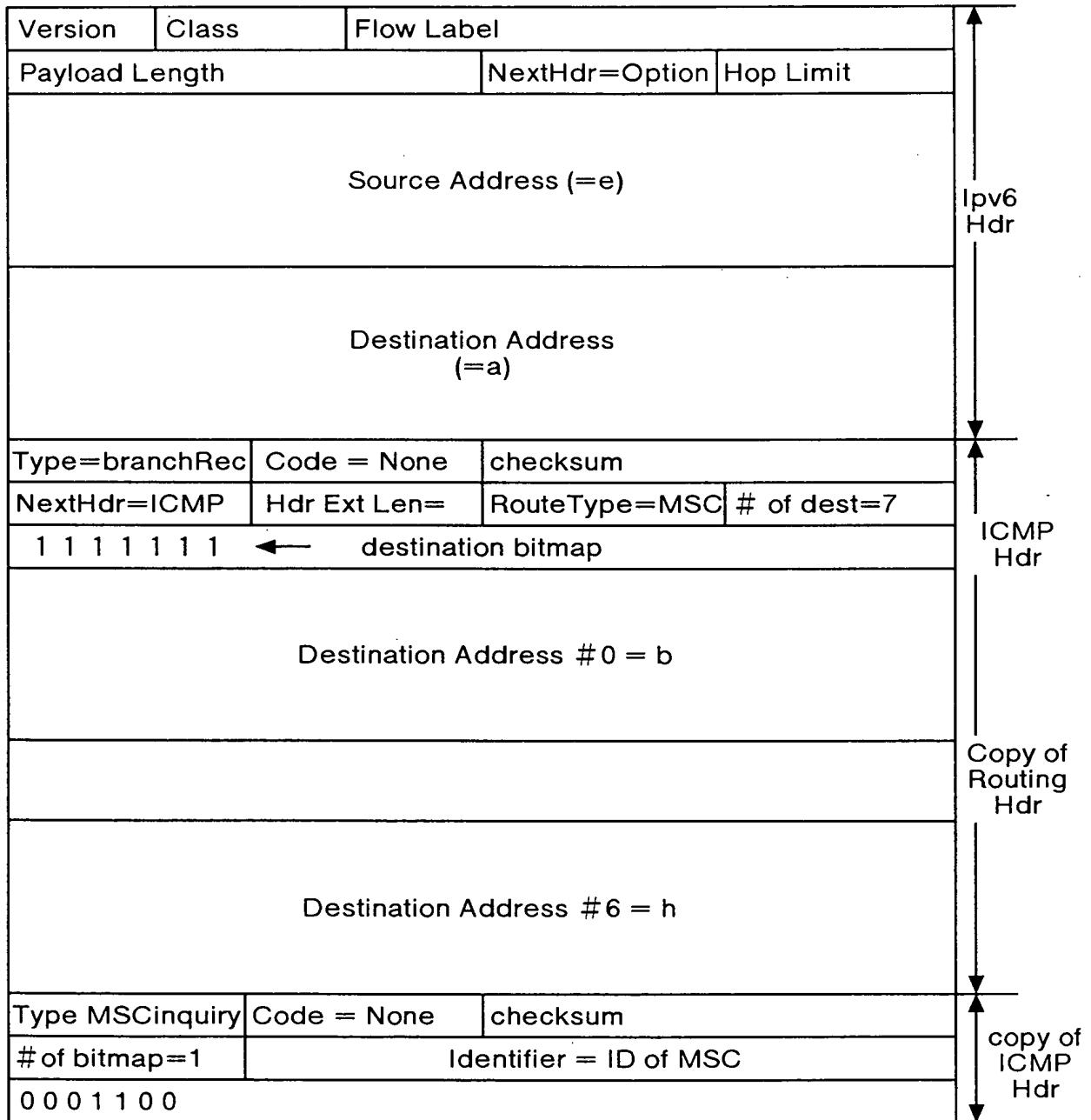


FIG.13

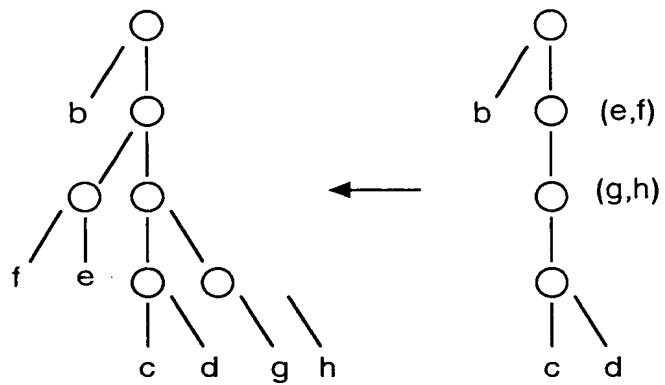


FIG.14

INITIALIZATION

(b,c,d,e,f,g,h)

SEARCH OF b

(c,d,e,f,g,h)

b

SEARCH OF c

(e,f)

(g,h)

(d)

c

SEARCH OF d

(e,f)

(g,h)

c
d

SEARCH OF e

(f)

(g,h)

e
c
d

SEARCH OF f

```

graph TD
    f((f)) --- g((g))
    f --- h((h))
    g --- c((c))
    g --- d((d))
    h --- e((e))
    h --- f((f))
  
```

SEARCH OF g

```

graph TD
    g((g)) --- h((h))
    g --- c((c))
    g --- d((d))
    g --- e((e))
    h --- f((f))
    h --- g((g))
  
```

SEARCH OF h

```

graph TD
    h((h)) --- c((c))
    h --- d((d))
    h --- e((e))
    h --- f((f))
    h --- g((g))
  
```

FIG.15

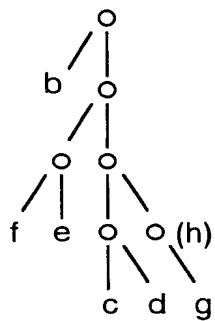


FIG.16

TWO DESTINATIONS/ ONE DESTINATION	NONE	ONE GROUP	TWO GROUPS OR MORE
NONE	(A)	(B)	(C)
ONE GROUP OR MORE	(C)	(C)	(C)

FIG.17

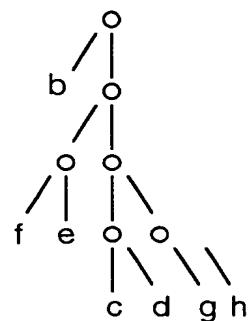


FIG.18

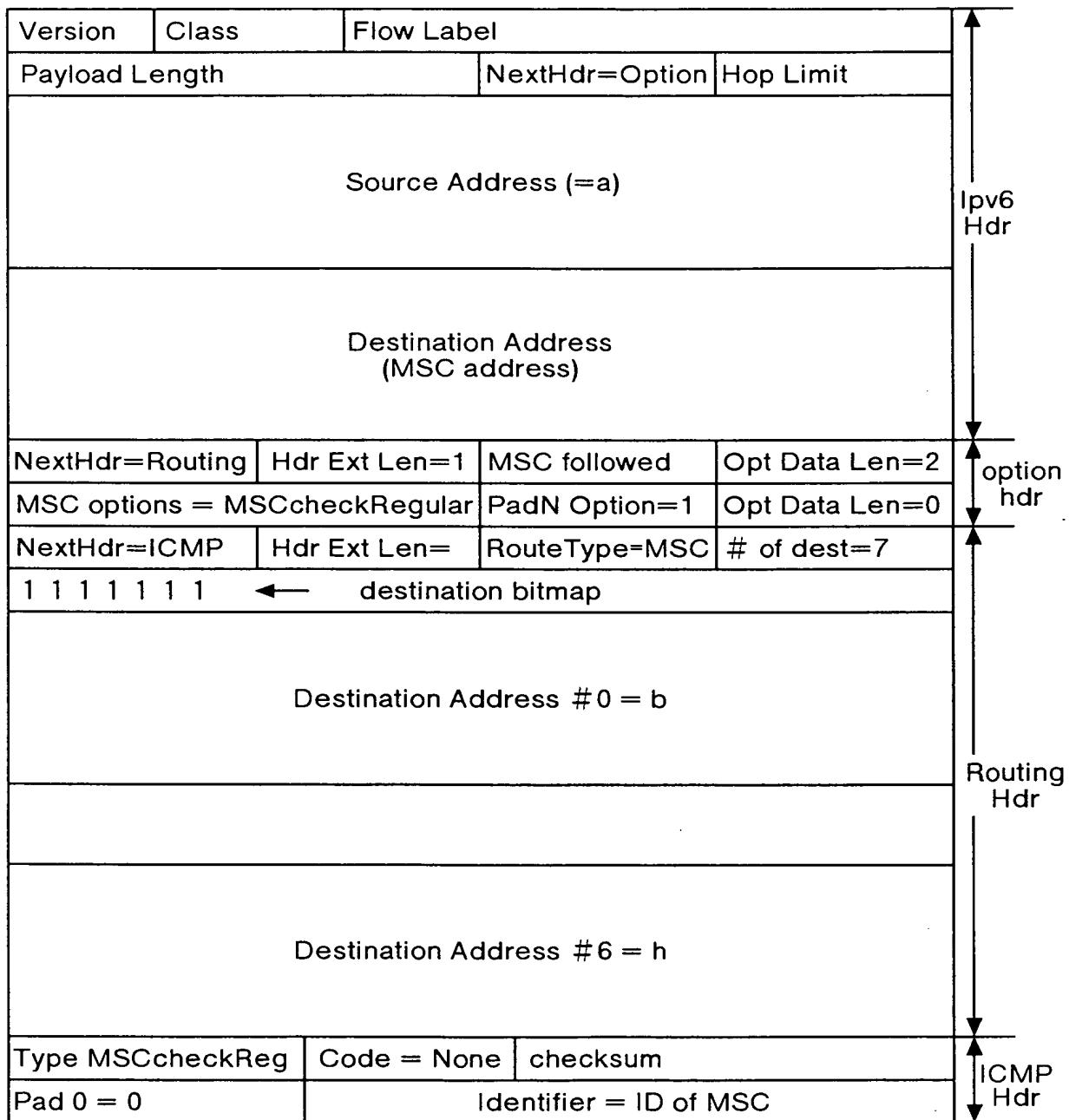


FIG.19

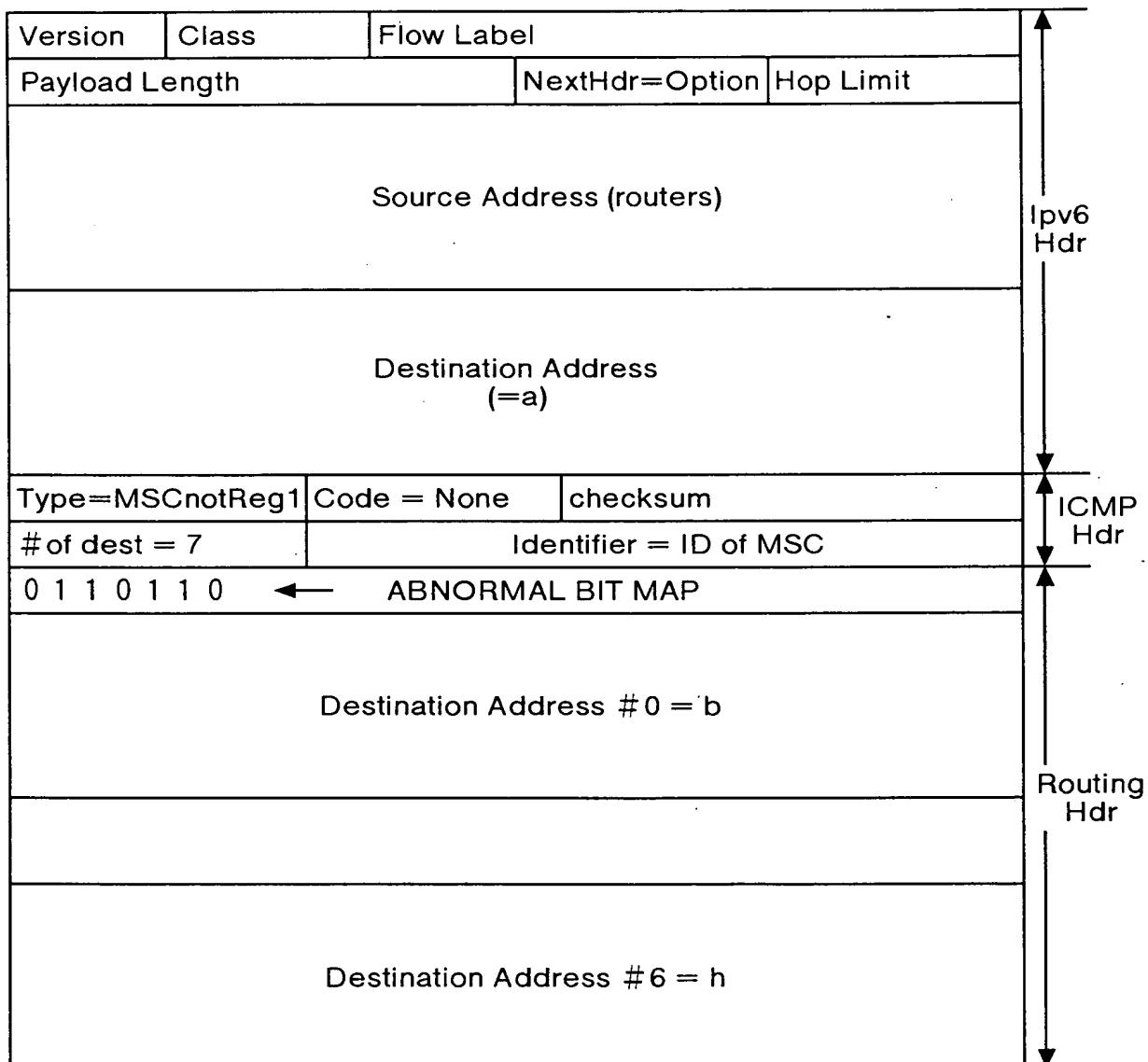
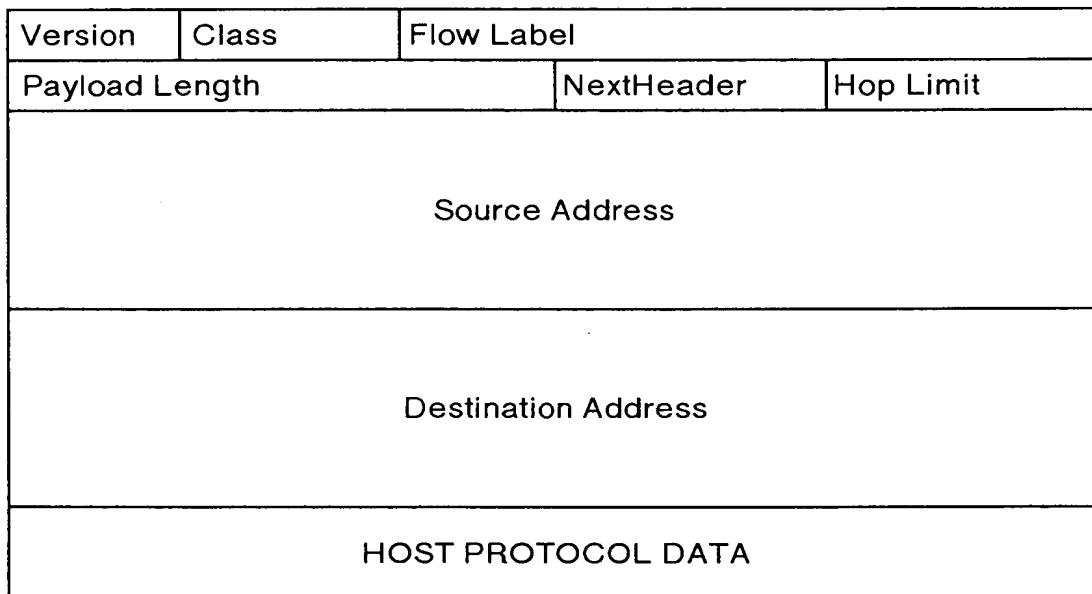


FIG.20**FIG.21**

The table maps network prefixes to destination information. It includes columns for Network, Destination, neighbor, and interface. The table is divided into two sections: UNICAST SECTION and MULTICAST SECTION.

Network		Destination	
network prefix	net mask	neighbor	interface
3FFE:501:1000::	40	12345678	le0
3FFE:501:1100::	40	12345678	ppp0
3FFE:501:1FFF::	44	12345678	le0
FF02::1	128	12345678 87654321	le0 ppp1
FF02::2	128	12341111 12342222 12343333	le0 ppp1 ppp2
FF02::3	128	12341111	le0

Annotations on the right side of the table identify the sections:

- UNICAST SECTION**: Points to the first four rows (3FFE prefixes).
- MULTICAST SECTION**: Points to the last four rows (FF02 prefixes).